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**LISTING OF CLAIMS:**

1. (Currently amended) A heater-equipped pusher for pushing a terminal of an electronic component to be tested in an electronic component handling apparatus into a contact portion of a test head, comprising:

a pusher main body which is capable of direct contact with the electronic component to be tested;

a heat absorbing and radiating body provided on said pusher main body;

a heater provided on said pusher main body to enable direct or indirect contact with the electronic component to be tested without intervention of said pusher main body; and

a thermal insulating material provided between said pusher main body and said heater.

2. (Original) An electronic component handling apparatus which, in order to test an electronic component, is capable of pushing a terminal of an electronic component to be tested into a contact portion of a test head, comprising the heater-equipped pusher according to claim 1.

3. (Currently amended) A temperature control method for controlling the temperature of an electronic component to be tested during the testing of the electronic component in an electronic component handling apparatus, comprising:

cooling of the electronic component to be tested is performed by cooling a heat absorbing and radiating body to which the heat of the electronic component is transferred through a pusher main body, the pusher main body being in contact with the electronic component; and

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heating of the electronic component to be tested, is performed by a heater which is provided such that thermal resistance with said body increases, and

preventing heat conduction from the heater to the pusher main body and the heat absorbing and radiating body by a thermal insulating material provided between the pusher main body and the heater.

4. (New) The heater-equipped pusher of claim 1, wherein the heater is disposed on a lower portion of the pusher main body so as to be exposed on a same plane as a lower surface of the pusher main body.

5. (New) The heater-equipped pusher of claim 1, wherein the heat absorbing and radiating body is a heat sink.

6. (New) The heater-equipped pusher of claim 5, wherein the heat sink includes a plurality of radiator fins.

7. (New) The heater-equipped pusher of claim 5, wherein the heat sink includes a plurality of heat pipes.

8. (New) The heater-equipped pusher of claim 1, wherein the pusher main body is made of a thermally conductive material.

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9. (New) The method of claim 3, wherein the heater is disposed on a lower portion of the pusher main body so as to be exposed on a same plane as a lower surface of the pusher main body.

10. (New) The method of claim 3, further comprising the step of conducting heat from the pusher main body to the heat absorbing and radiating body, wherein the pusher main body is made of a thermally conductive material.